

Substance Details Report

January 9, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Methyl isoamyl ketone
EPA Registry Name List	Chemical Identification
Systematic Name	2-Hexanone, 5-methyl-
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	110-12-3
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C7H14O
Molecular Weight	114.19
Comment/Description	

Internal Tracking Number	26401
Substance Status	Approved

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
<chem>O=C(CCC(C)C)C</chem>	SMILES

Substance Details Report

January 9, 2017

Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Methyl isoamyl ketone	Valid		
FIFRA-Inerts	5-Methyl-2-hexanone	Valid		
TSCA 8A PAIR	Methyl isoamyl ketone	Valid	08/04/1995	
TSCA 8D HSDR (d)	Methyl isoamyl ketone	Valid	08/04/1995	08/04/2005
TSCA Inv	2-Hexanone, 5-methyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	2-Hexanone, 5-methyl-	Valid		
AQS	Methyl isoamyl ketone	Valid		
CAMEO Chemicals	5-Methylhexan-2-one	Valid		
CERCLIS3	Methyl isoamyl ketone	Valid		
CORR	Methyl isoamyl ketone	Valid		
ECOTOX	Isobutyl acetone	Inaccurate		
ECOTOX	5-Methyl-2-hexanone	Valid		
ECOTOX	Methylisoamyl ketone	Valid		
GCES	2-Hexanone, 5-methyl-	Valid		
HPVC List	2-Hexanone, 5-methyl-	Valid		
HPVIS	2-Hexanone, 5-methyl-	Valid		
ICIS-Air	Methyl isoamyl ketone	Valid		
MTL96	2-Hexanone, 5-methyl-	Valid		
PCS	5-Methyl-2-hexanone	Valid		
TSCATS	2-Hexanone, 5-methyl-	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	2-Hexanone, 5-methyl-	Valid		

Substance Details Report

January 9, 2017

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CUS02	2-Hexanone, 5-methyl-	Valid		
CUS86	2-Hexanone, 5-methyl-	Valid		
CUS90	2-Hexanone, 5-methyl-	Valid		
CUS94	2-Hexanone, 5-methyl-	Valid		
CUS98	2-Hexanone, 5-methyl-	Valid		
ChemIDStd	Methyl isoamyl ketone	Valid		
FDA	ISOPENTYL METHYL KETONE	Unknown		
HSDB	5-Methyl-2-hexanone	Valid		
ITER	Methyl isoamyl ketone	Valid	12/19/2014	
MTL	Methyl isoamyl ketone	Valid	01/01/1994	
NJ-RTK-HS	Methyl isoamyl ketone	Valid		
NWIS	5-Methyl-2-hexanone	Unknown		

Ad Hoc List

There are no Synonyms of this type.

EPA Synonyms

There are no Synonyms of this type.

Substance Details Report

January 9, 2017

Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_254000.html
<http://www.osha.gov/dts/sltc/methods/partial/pv2042/2042.html>
<http://www.cdc.gov/niosh/ipcsneng/neng0815.html>
<http://nj.gov/health/eoh/rtkweb/documents/fs/1267.pdf>
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=110-12-3>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=110-12-3&result=advanced>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000110123>
https://iter.ctc.com/publicURL/p_report_view_list.cfm?crn=110%2D12%2D3